

Mouse anti-Human FNDC5 Monoclonal Antibody | anti-FNDC5 antibody

FNDC5 Antibody

CATALOG # AAA290742	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
-------------------------------	----------------------	----------------------------	--

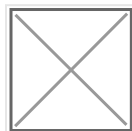
PRODUCT SYNONYMS

FNDC5; Monoclonal Antibody; FNDC5 Antibody; Fibronectin type III domain-containing protein 5; Fibronectin type III repeat-containing protein 2; Irisin; FRCP2; anti-FNDC5 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1,k
Specificity	This FNDC5 antibody is generated from a mouse immunized with a KLH conjugated synthetic peptide between 12-152 amino acids from human FNDC5.
Form/Format	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
Sequence Length	212
Applicable Applications for anti-FNDC5 antibody	ELISA, WB (Western Blot)
Cellular Location	Cell membrane; Single-pass type I membrane protein Peroxisome membrane; Single-pass type I membrane protein. Note: Imported in peroxisomes through the PEX5 receptor pathway.
Tissue Location	Widely expressed, with highest levels in heart. Very low expression, if any, in colon, pancreas and spleen
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Anti-FNDC5 Antibody at 1:2000 dilution + human skeletal muscle lysateLysates/proteins at 20 ug per lane.SecondaryGoat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.Predicted band size : 23 kDaBlocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-FNDC5 antibody	Irisin: Contrary to mouse, may not be involved in the beneficial effects of muscular exercise, nor in the induction of browning of human white adipose tissue.
Product Categories/Family for anti-FNDC5 antibody	Crown Antibodies ; Cell Biology ; Metabolism

References	Ota T.,et al.Nat. Genet. 36:40-45(2004). Gregory S.G.,et al.Nature 441:315-321(2006). Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases. Bechtel S.,et al.BMC Genomics 8:399-399(2007). Bostrom P.,et al.Nature 481:463-468(2012).
------------	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	403314395
NCBI GeneID	252995
UniProt Accession #	Q8NAU1; Q6P6D9; Q7Z676; A6NMC9; D3DPQ6
Molecular Weight	Calculated: 23659
NCBI Official Full Name	Fibronectin type III domain-containing protein 5
NCBI Official Synonym Full Names	fibronectin type III domain containing 5
NCBI Official Symbol	FNDC5
NCBI Official Synonym Symbols	FRCP2; irisin
NCBI Protein Information	fibronectin type III domain-containing protein 5
UniProt Protein Name	Fibronectin type III domain-containing protein 5
UniProt Gene Name	FNDC5
UniProt Synonym Gene Names	FRCP2
UniProt Entry Name	FNDC5_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
 Online datasheet: <https://stage.aaabiotech.com/monoclonal/fndc5-antibody-western-blot-elisa/290742>